#### A Bit for Two Bits

And some for four and more. These are JENNINGS' BITS, of which we have a full assortment. Ship and house carpenters' Augers, German Bits, Gimlet Bits, Car Bits, Extension Bits, and all sorts of Of other tools we will just mention the old, well-known Heller

Brothers' Farriers' Tools, of which we carry a full line. Every farrier admits these to be the best made on earth.

We cannot give you a list of all the tools we carry in stock, but if wanting anything in this line you are about sure to find same at-

E. O. HALL & SON, Ld.

[Associate Press Dispatch-S. F. Chronicle.] A LARGE INCREASE OF BUSINESS.

NEW YORK, April 5.—The sales of the Remington Standard Typewriter, the world over, for March this Q year, largely exceeded any previous month in its history. Typewriter sales are a good barometer of general industrial conditions.

H. HACKFELD & CO., Ltd., Sole Agents.

HAMAKUA PLANTATION, PAAUILO, HAWAII, H. I.

MR. J. G. SPENCER, PACIFIC HARDWARE CO.,

DEAR SIR:-The Secretary Disc Plow I purchased from you is giving us satisfaction. We are using it to plow under a crop of lupins. They are three feet high and very thick. Your plow turns them completely under, at the same time plowing the land fourteen inches deep.

Honolulu.

I feel satisfied that with this plow the draft for the same quantity and depth of work is as 6 to 8. That is, with the old plow, to do the same work, it takes 8 good mules; with your plow it takes only 6, and they are less tired at night.

Please send me another plow by first schooner leaving for this.

You are at liberty to use this in any way you Yours truly, may see fit.

A. LIDGATE.

## WATSON, LAIDLAW & CO.'S Water-Driven Centrifugal

Which does away with two-thirds of the floor space, three-fourths of the oil, and the whole of the belting required for drying sugar with the ordinary machine. May be seen in motion on application to

Queen St. ROBERT CATTON.

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Invite Enquiries for General Ironwork; Iron and Brass Castings. Ships' Blacksmiths. Cemetery Railings and Crestings Made to Order: Samples on Hand.

REPAIRS PROMPTLY ATTENDED TO.

TEL. 410.

# Read the Hawaiian Gazette

(Continued from First Page.)

posed by the Government is not at all which you mailed me. of the Government plan. No one yet the premises.

cussed, in a letter addressed to the un- same scale, 300 feet to the inch.

Honolulu, April 25, 1898.

Company, Honolulu, H. I.

interest the correspondence relative to at right angles to the proposed Gov- Furthermore, the Government plan, the enlargement of Honolulu harbor ernment wharf. This plan will event- instead of enlarging the harbor, will as published in the "Advertiser" of ually create an additional wharf front- in reality contract it, as its wharf ex-The situation of the wharf as pro- January 18, 19, 20 and 21, copies of age of 5,200 feet, or more than eight tends some fifty feet farther into the

and south, to be convenient for plac- ar with the conditions of your harbor, of commerce may demand.

Dear Sir:-I have read with much lel wharves and slips running about penditure of the public funds.

to be benefitted by the consummation real ownership or corporate rights in wharves and slips will be practically, waste of the public funds. adopted. It may well be asked, why The wharf and slip system proposed For a clearer understanding of the not build the wharf upon the correct by your company is, in no sense, a In closing, permit me to add: Mr. situation I submit two maps: Map line in the first instance instead of new experiment. With some slight mo-G. F. Allardt, a civil engineer of high No. 1, showing the proposed plans of wasting the public funds in building diffications it has been adopted by the standing upon whose survey and re- improvement and the part of Honolulu a costly structure in the wrong place maritime cities of the United States,

since: has, unasked, submitted his improvements adopted in San Fran- the railroad plan involves too much ing its five or six miles of available views on the very subject herein dis- cisco. Both maps, are drawn to the dredging, and that dredging is expen- harbor frontage, the same system has dersigned. As. Mr. Allardt would be As I understand it the problem is tion of the map will show that the recommended after mature consideraconsidered authority on harbor im- how best to increase the shipping faci- construction of the Government wharf tion by a commission appointed in provements anywhere in the world, it lities in the northern arm of Hono- not only necessitates a large amount 1877, composed of such distinguished has been suggested by some prominent lulu harbor. The Government plan of dredging from the wharf out to the experts as Admiral Rodgers, of the men who have read the letter that it is to construct a substantial wharf, 26 ft. depth at low tide, but also in- U. S. Navy, Colonel Mendell, of the ought to be printed for the benefit of 600 ft. long and 100 ft. wide, across the volves the cost of filling to street- U. S! Engineers, Professor Davidson, of the public, especially as the author, is mouth of the Nuuanu inlet, and to fill grade the entire area lying between the U. S. Coast Survey, and Mr. T. J. wholly disinterested, and expresses his in, or reclaim, the shallow tide lands the wharf and the shore-line of the Arnold, the then chief engineer of the

B. F. DILLINGHAM, Esq., General hand, the plan proposed by your com- dredged out whenever the Govern-Manager Oahu Railway & Land pany, which I will call the "Railroad ment decides to cut out those slips; Plan," provides for a system of paral- another uncalled for and wasteful ex-

times as much as the Government harbor than do the pier-heads of the suited to the requirements of the rail- The importance of the subject, not plan. The construction of the wharves wharves proposed in the railroad plan.

way. It would stand nearly east and only to your company but to the pub- and the dredging of the adjacent slips Finally, should the Government west when the wharves for rail- lie at large, demands the most serious would, of course, be carried on grad- wharf be constructed, the material in way use should stand nearly north consideration. Being somewhat famili- ually, one at a time, as the necessities front of the same will be dredged out ing cars alongside ships. All addi- I take the liberty of herewith sub- The Government officials admit, it is and the very serious question may tional expense incurred through such mitting a few facts and figures which, true, that greater wharf accommoda- then arise whether it will not become awkward unbusinesslike arrangement I trust, may prove of some value in tions will be required in the near fut- necessary to construct a massive reof bringing ship and car together, is solving the problem. I shall not touch ure, in which event they say that taining wall, or sea-wall, some 600 feet loss-an unnecessary loss that must be upon the legal rights of the contest- "slips can then be easily cut into the in length, for the purpose of preventborne by all the people having freight- ing parties, as that matter has, very long wharf now being built." This ing the soft mud from sliding back ing interests on that side of the har- properly, been submitted to the courts, means, in other words, that two-thirds into the harbor; and then, when said bor. Perhaps some one who "knows but shall confine my remarks solely of this 600 ft. wharf must be "rooted slip-cutting process is begun, twoall about it" will be good enough to to the engineering and commercial up" and destroyed, and that then, after thirds of this costly sea-wall will have explain in what way the "people" are features of the case, regardless of the all, the railroad plan of parallel to be torn out and removed—another

port the entrance to Honolulu harbor harbor under discussion, and Map No. and afterwards pulling it down. notably New York, Boston and Portwas deepened to 30 feet a few years 2, showing the general plan of harbor | The Government further argues that land. In San Francisco, notwithstandsive. This may be true, but an inspec- been approved and adopted. It was width. This width of slips /was considered essential to obviate the great inconvenience and expense of vessels lying at outer berths hauling out to allow entrance and exit for vessels lying at inner berths at the same slip. I notice, by the way, that your proposed slips are only 150 feet in width. This is a little scant, but considering that the breadth of beam of the largest ship seldom exceeds forty feet, this width will answer the purpose fairly well, as it gives a clear passage of seventy feet for exit and entrance between vessels docked on both sides of

A noteworthy feature of the San Francisco plan is the Belt Railroad, so called, which will eventually be extended around the entire waterfront. The use of its tracks is made free by law, to all railroad companies. The method of connecting the tracks with the piers is also shown on the map. The main object sought to be attained was "to bring ship and car together," one of the most essential requirements

of modern commerce. Returning to our Honolulu harbor, it seems to me there can be but one opinion as to the relative merits of the two plans proposed. To sum up-the Government plan will add only 600 feet to the available wharf frontage and will actually contract the harbor; while the railroad plan provides for a future extension of some 5,200 feet of the wharf frontage, besides materially augmenting deep water area of the

In case the controversy is carried to the Legislature, I would suggest that you have prepared a large wall map, to be hung up in the Legislature hall while the matter is under deliberation. The map should exhibit all lines and objects likely to be referred to in the discussion. Have the lines made heavy, and the figures and lettering large and bold, in order that they can be plainly distinguished by all the members. Plenty of coloring will add to the effectiveness of the map. Draw to a scale, of say, 20 feet per inch, which will make the size about 9 feet

I would further suggest that Mr. Kluegel, your Chief Engineer, come well fortified with figures on the relative cost of the two plans, especially in the matter of dredging, not forgetting to emphasize the advantage of utilizing the dredged material in reclaiming low waste lands, thereby adding to the taxable property of the

In conclusion, I desire to say, with all due respect to the gentlemen composing the Hawaiian Cabinet, (several of whom I have the honor to know), that the carrying out of the Government plan would in my humble judgment be a very grave error, and would result in irreparable injury to Honolulu harbor. Indeed, it may be the first step to drive the Honolulu shipping to the deep and more commodious waters of Pearl harbor.

Respectfully submitted, G. F. ALLARDT, Chief Engineer, 420 California Street. San Francisco, Cal., February 17,

#### REWARD OF MERIT.

At the CHICAGO CYCLE SHOW in 1897, each visitor on entering the Show was handed a coupon reading as below:

"After viewing the exhibits, kindly fill in the name of the Bicycle which pleases you best as regards beauty and mechanical merit, and deposit the coupon in ballot box near exits.

Name of Bleycle,.... The "Shirk" received 17,489 ballots against 12,377 the next highest. When it is known that all the leading makes of wheels in the United States were on exhibition at this Show, the above speaks for itself. The HONOLULU BICYCLE CO. have secured the Agency for this strictly high grade wheel.

IT WILL INTEREST YOU TO CALL AND SEE IT. The SHIRK is the best thing that

unbiased opinion in a friendly manner. between the wharf and the shore, inlet-nearly fifteen acres of tide lands, Harbor Board. The general design is Thanking you for this indulgence, (See Map No. 1). It is apparent, at a requiring, at a rough estimate, about shown on Map No. 2. The wharves glance, that this arrangement will add one hundred and fifty thousand (150,- or piers, as they are here called, run I am very respectfully, only 600 feet to the available wharf 000) cubic yards of material, a large out 600 feet from the sea-wall, and the B. F. DILIANGHAM. frontage of the harbor. On the other portion of which must again be slips between them are 200 feet in R.Y. STATION DIAGRAM NOI Kana Fish Pond Oaku Railway & Land Co Terminal Division SCALE 300 CATTLE LANDING

